

## EAST Search History

| Ref # | Hits   | Search Query  | DBs             | Default Operator | Plurals | Time Stamp       |
|-------|--------|---|-----------------|------------------|---------|------------------|
| L1    | 0      | ("6332122" "6477491").pn. and languag\$4 near model\$4  | US-PGPUB; USPAT | OR               | OFF     | 2007/08/02 14:15 |
| L2    | 0      | ("6332122" "6477491").pn. and languag\$4 near3 model\$4   | US-PGPUB; USPAT | OR               | OFF     | 2007/08/02 14:15 |
| L3    | 2      | ("6332122" "6477491").pn. and model\$4  | US-PGPUB; USPAT | OR               | OFF     | 2007/08/02 14:59 |
| L4    | 1      | "6823054".pn. and frustra\$8  | US-PGPUB; USPAT | OR               | OFF     | 2007/08/02 15:00 |
| L5    | 1      | "6823054".pn. and frustra\$8 and polit\$4   | US-PGPUB; USPAT | OR               | OFF     | 2007/08/02 15:13 |
| L6    | 1      | "6823054".pn. and quality\$4  | US-PGPUB; USPAT | OR               | OFF     | 2007/08/02 15:26 |
| L7    | 6      | ("6823054" "6996526" "6973428" "7188100" "6477491" "6332122").pn.   | US-PGPUB; USPAT | OR               | OFF     | 2007/08/02 15:18 |
| L8    | 185797 | ("6823054" "6996526" "6973428" "7188100" "6477491" "6332122").pn. amd scor\$4   | US-PGPUB; USPAT | OR               | OFF     | 2007/08/02 15:18 |
| L9    | 2      | ("6823054" "6996526" "6973428" "7188100" "6477491" "6332122").pn. and scor\$4   | US-PGPUB; USPAT | OR               | OFF     | 2007/08/02 15:20 |
| L10   | 2      | ("20030182131" "20020104027").did.  | US-PGPUB; USPAT | OR               | OFF     | 2007/08/02 15:20 |
| L11   | 0      | ("20030182131" "20020104027").did. and scor\$4  | US-PGPUB; USPAT | OR               | OFF     | 2007/08/02 15:20 |
| L12   | 0      | "6996526".pn. and key\$4word\$4   | US-PGPUB; USPAT | OR               | OFF     | 2007/08/02 15:27 |
| L13   | 1      | "6996526".pn. and word\$4   | US-PGPUB; USPAT | OR               | OFF     | 2007/08/02 15:27 |
| S1    | 3756   | (differen\$7 with speakers)   | US-PGPUB; USPAT | OR               | OFF     | 2007/02/15 07:10 |
| S2    | 1130   | (differen\$7 with speakers) and ((speech\$4 voic\$4) near recogni\$7)   | US-PGPUB; USPAT | OR               | OFF     | 2007/02/13 13:46 |
| S3    | 218    | (differen\$7 with speakers) and ((speech\$4 voic\$4) near recogni\$7) and transcript\$4                               | US-PGPUB; USPAT | OR               | OFF     | 2007/02/13 13:51 |
| S4    | 191    | (differen\$7 with speakers) and ((speech\$4 voic\$4) near recogni\$7) and transcript\$4 and model\$4                  | US-PGPUB; USPAT | OR               | OFF     | 2007/02/13 13:51 |
| S5    | 17     | (differen\$7 with speakers) and ((speech\$4 voic\$4) near recogni\$7) and transcript\$4 and model\$4 and biometric\$6 | US-PGPUB; USPAT | OR               | OFF     | 2007/02/13 13:52 |

## EAST Search History

|     |    |  |                 |    |     |                  |
|-----|----|--|-----------------|----|-----|------------------|
| S6  | 12 | ((differen\$7 with speakers) and ((speech\$4 voic\$4) near recogni\$7) and transcript\$4 and model\$4 and biometric\$6 and (topic\$4 theme\$4 categor\$7 subject\$5)                 | US-PGPUB; USPAT | OR | OFF | 2007/02/13 13:55 |
| S7  | 6  | ((differen\$7 with speakers) and ((speech\$4 voic\$4) near recogni\$7) and transcript\$4 and model\$4 and biometric\$6 and ((topic\$4 theme\$4 categor\$7 subject\$5) same model\$5) | US-PGPUB; USPAT | OR | OFF | 2007/02/13 13:55 |
| S8  | 56 | (speech\$4 voic\$4) near3 mining   | US-PGPUB; USPAT | OR | OFF | 2007/02/15 07:11 |
| S9  | 38 | (speech\$4 voic\$4) near3 mining and (speaker\$4 speech\$4 voic\$4) near3 recogni\$8   | US-PGPUB; USPAT | OR | OFF | 2007/02/15 07:11 |
| S10 | 5  | (US-20040083099-\$ or US-20020178002-\$).did. or (US-7076427-\$ or US-6823054-\$ or US-6529902-\$).did.  | US-PGPUB; USPAT | OR | OFF | 2007/02/15 10:05 |
| S11 | 4  | ((US-20040083099-\$ or US-20020178002-\$).did. or (US-7076427-\$ or US-6823054-\$ or US-6529902-\$).did.) and detect\$5  | US-PGPUB; USPAT | OR | OFF | 2007/02/15 07:28 |
| S12 | 2  | ((US-20040083099-\$ or US-20020178002-\$).did. or (US-7076427-\$ or US-6823054-\$ or US-6529902-\$).did.) and detect\$5 with speaker\$5  | US-PGPUB; USPAT | OR | OFF | 2007/02/15 07:28 |
| S13 | 2  | ((US-20040083099-\$ or US-20020178002-\$).did. or (US-7076427-\$ or US-6823054-\$ or US-6529902-\$).did.) and detect\$5 with speaker\$5 and transcript\$6                            | US-PGPUB; USPAT | OR | OFF | 2007/02/15 07:28 |
| S14 | 0  | ((US-20040083099-\$ or US-20020178002-\$).did. or (US-7076427-\$ or US-6823054-\$ or US-6529902-\$).did.) and detect\$5 with speaker\$5 and transcript\$6 and biometric\$5           | US-PGPUB; USPAT | OR | OFF | 2007/02/15 07:29 |
| S15 | 2  | ((US-20040083099-\$ or US-20020178002-\$).did. or (US-7076427-\$ or US-6823054-\$ or US-6529902-\$).did.) and detect\$5 with speaker\$5 and transcript\$6 and topic\$4               | US-PGPUB; USPAT | OR | OFF | 2007/02/15 07:29 |

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|     |   |   |                 |    |     |                  |
|-----|---|---|-----------------|----|-----|------------------|
| S16 | 2 | ((US-20040083099-\$ or US-20020178002-\$).did. or (US-7076427-\$ or US-6823054-\$ or US-6529902-\$).did.) and detect\$5 with speaker\$5 and transcript\$6 and topic\$4 and model\$5                   | US-PGPUB; USPAT | OR | OFF | 2007/02/15 07:30 |
| S17 | 0 | ((US-20040083099-\$ or US-20020178002-\$).did. or (US-7076427-\$ or US-6823054-\$ or US-6529902-\$).did.) and detect\$5 with speaker\$5 and transcript\$6 and topic\$4 and model\$5 and key\$4word\$4 | US-PGPUB; USPAT | OR | OFF | 2007/02/15 07:30 |
| S18 | 0 | ((US-20040083099-\$ or US-20020178002-\$).did. or (US-7076427-\$ or US-6823054-\$ or US-6529902-\$).did.) and detect\$5 with speaker\$5 and transcript\$6 and topic\$4 and model\$5 and keyword\$4    | US-PGPUB; USPAT | OR | OFF | 2007/02/15 07:30 |
| S19 | 0 | ((US-20040083099-\$ or US-20020178002-\$).did. or (US-7076427-\$ or US-6823054-\$ or US-6529902-\$).did.) and detect\$5 with speaker\$5 and transcript\$6 and topic\$4 and model\$5 and interrupt\$5  | US-PGPUB; USPAT | OR | OFF | 2007/02/15 07:33 |
| S20 | 1 | ((US-20040083099-\$ or US-20020178002-\$).did. or (US-7076427-\$ or US-6823054-\$ or US-6529902-\$).did.) and detect\$5 with speaker\$5 and transcript\$6 and topic\$4 and model\$5 and frustrat\$7   | US-PGPUB; USPAT | OR | OFF | 2007/02/15 09:07 |
| S21 | 0 | ((US-20040083099-\$ or US-20020178002-\$).did. or (US-7076427-\$ or US-6823054-\$ or US-6529902-\$).did.) and detect\$5 with speaker\$5 and transcript\$6 and topic\$4 and model\$5 and feedback\$6   | US-PGPUB; USPAT | OR | OFF | 2007/02/15 07:34 |
| S22 | 0 | ((US-20040083099-\$ or US-20020178002-\$).did. or (US-7076427-\$ or US-6823054-\$ or US-6529902-\$).did.) and detect\$5 with speaker\$5 and transcript\$6 and topic\$4 and model\$5 and feedback\$6   | US-PGPUB; USPAT | OR | OFF | 2007/02/15 07:35 |
| S23 | 0 | ((US-20040083099-\$ or US-20020178002-\$).did. or (US-7076427-\$ or US-6823054-\$ or US-6529902-\$).did.) and biometric\$7  | US-PGPUB; USPAT | OR | OFF | 2007/02/15 07:35 |
| S24 | 1 | "6823054".pn. and input\$4 with speech\$4   | US-PGPUB; USPAT | OR | OFF | 2007/02/15 09:20 |

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|     |      |  |                 |    |     |                  |
|-----|------|--|-----------------|----|-----|------------------|
| S25 | 1    | "6823054".pn. and recogni\$8 with (speech\$4 voic\$4 speaker\$4)   | US-PGPUB; USPAT | OR | OFF | 2007/02/15 09:22 |
| S26 | 0    | "6823054".pn. and model\$6   | US-PGPUB; USPAT | OR | OFF | 2007/02/15 09:22 |
| S27 | 1    | "6823054".pn. and model\$6   | US-PGPUB; USPAT | OR | OFF | 2007/02/15 09:24 |
| S28 | 0    | "6823054".pn. and constrai\$6  | US-PGPUB; USPAT | OR | OFF | 2007/02/15 09:26 |
| S29 | 0    | "6823054".pn. and re\$4scor\$4   | US-PGPUB; USPAT | OR | OFF | 2007/02/15 09:26 |
| S30 | 1    | "6823054".pn. and scor\$4  | US-PGPUB; USPAT | OR | OFF | 2007/02/15 09:44 |
| S31 | 0    | "6823054".pn. and interrupt\$6   | US-PGPUB; USPAT | OR | OFF | 2007/02/15 09:44 |
| S32 | 1    | "6823054".pn. and record\$4  | US-PGPUB; USPAT | OR | OFF | 2007/02/15 09:57 |
| S33 | 1    | "20050010411".did. and polit\$6  | US-PGPUB; USPAT | OR | OFF | 2007/02/15 09:56 |
| S34 | 0    | "6823054".pn. and complain\$6  | US-PGPUB; USPAT | OR | OFF | 2007/02/15 09:58 |
| S35 | 5    | ((US-20040083099-\$ or US-20020178002-\$).did. or (US-7076427-\$ or US-6823054-\$ or US-6529902-\$).did.) and channel\$5   | US-PGPUB; USPAT | OR | OFF | 2007/02/15 10:11 |
| S36 | 6792 | ((speech\$4 speaker\$4 voic\$4) near3 (identif\$7 and recogni\$7))   | US-PGPUB; USPAT | OR | OFF | 2007/02/15 10:12 |
| S37 | 166  | ((speech\$4 speaker\$4 voic\$4) near3 (identif\$7 and recogni\$7)) and channel\$4 with qualit\$7   | US-PGPUB; USPAT | OR | OFF | 2007/02/15 10:12 |
| S38 | 91   | ((speech\$4 speaker\$4 voic\$4) near3 (identif\$7 and recogni\$7)) and channel\$4 with qualit\$7 and channel\$4 same availabl\$6                                   | US-PGPUB; USPAT | OR | OFF | 2007/02/15 10:13 |
| S39 | 51   | ((speech\$4 speaker\$4 voic\$4) near3 (identif\$7 and recogni\$7)) and channel\$4 with qualit\$7 and channel\$4 with availabl\$6                                   | US-PGPUB; USPAT | OR | OFF | 2007/02/15 10:15 |
| S40 | 4    | ((speech\$4 speaker\$4 voic\$4) near3 (identif\$7 and recogni\$7)) and (employ\$5 same channel\$4 with qualit\$7) and channel\$4 with availabl\$6                  | US-PGPUB; USPAT | OR | OFF | 2007/02/15 10:14 |
| S41 | 2    | ((speech\$4 speaker\$4 voic\$4) near3 (identif\$7 and recogni\$7)) and (employ\$5 same channel\$4 with qualit\$7) and (employ\$6 same channel\$4 with availabl\$6) | US-PGPUB; USPAT | OR | OFF | 2007/02/15 10:14 |

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|     |        |   |                 |    |     |                  |
|-----|--------|---|-----------------|----|-----|------------------|
| S42 | 10     | ((speech\$4 speaker\$4 voic\$4) near3 (identif\$7 and recogni\$7)) and channel\$4 with qualit\$7 and channel\$4 with availabl\$6 and "704"/\$.ccls. | US-PGPUB; USPAT | OR | OFF | 2007/02/15 10:18 |
| S43 | 10     | ((speech\$4 speaker\$4 voic\$4) near3 (identif\$7 and recogni\$7)) and (high\$4 with channel\$4 with qualit\$7) and channel\$4 with availabl\$6     | US-PGPUB; USPAT | OR | OFF | 2007/02/15 10:23 |
| S44 | 8      | S43 not S42   | US-PGPUB; USPAT | OR | OFF | 2007/02/15 10:19 |
| S45 | 1      | ((speech\$4 speaker\$4 voic\$4) near3 (identif\$7 and recogni\$7)) and (employ\$6 with high\$4 with channel\$4 with qualit\$7)                      | US-PGPUB; USPAT | OR | OFF | 2007/02/15 10:24 |
| S46 | 6      | ((speech\$4 speaker\$4 voic\$4) near3 (identif\$7 and recogni\$7)) and (appl\$8 with high\$4 with channel\$4 with qualit\$7)                        | US-PGPUB; USPAT | OR | OFF | 2007/02/15 10:29 |
| S47 | 40     | ((speech\$4 speaker\$4 voic\$4) near3 (identif\$7 and recogni\$7)) and (high\$4 with channel\$4 with qualit\$7)                                     | US-PGPUB; USPAT | OR | OFF | 2007/02/15 10:28 |
| S48 | 2      | ((speech\$4 speaker\$4 voic\$4) near3 (identif\$7 and recogni\$7)) and (select\$5 with high\$4 with channel\$4 with qualit\$7)                      | US-PGPUB; USPAT | OR | OFF | 2007/02/15 15:43 |
| S49 | 1      | ((speech\$4 speaker\$4 voic\$4) near enroll\$7) with channel\$4 near4 qualit\$6   | US-PGPUB; USPAT | OR | OFF | 2007/02/15 15:44 |
| S50 | 1      | ((speech\$4 speaker\$4 voic\$4) near enroll\$7) with channel\$4 near4 qualit\$6 and model\$5  | US-PGPUB; USPAT | OR | OFF | 2007/02/15 15:45 |
| S51 | 1      | "20050010411".did.  | US-PGPUB; USPAT | OR | OFF | 2007/02/15 16:21 |
| S52 | 1      | "6823054".pn.   | US-PGPUB; USPAT | OR | OFF | 2007/07/30 10:25 |
| S53 | 171980 | "6823054".pn. amd topic\$4  | US-PGPUB; USPAT | OR | OFF | 2007/07/30 10:25 |
| S54 | 1      | "6823054".pn. and topic\$4  | US-PGPUB; USPAT | OR | OFF | 2007/07/30 10:25 |
| S55 | 1      | "6823054".pn. and topic\$4 same model\$4  | US-PGPUB; USPAT | OR | OFF | 2007/07/30 10:33 |
| S56 | 1      | "6823054".pn. and recogniz\$6 with (speech\$4 voic\$4)  | US-PGPUB; USPAT | OR | OFF | 2007/07/30 11:28 |
| S57 | 0      | "6823054".pn. and recogniz\$6 with (speech\$4 voic\$4) same model\$4  | US-PGPUB; USPAT | OR | OFF | 2007/07/30 11:29 |

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|     |      |   |                    |    |     |                  |
|-----|------|---|--------------------|----|-----|------------------|
| S58 | 1    | "6823054".pn. and model\$4  | US-PGPUB;<br>USPAT | OR | OFF | 2007/07/30 11:29 |
| S59 | 0    | "6823054".pn. and model\$4 same<br>recogniz\$9  | US-PGPUB;<br>USPAT | OR | OFF | 2007/07/30 11:44 |
| S60 | 1    | "6823054".pn. and model\$4 and<br>recogni\$9  | US-PGPUB;<br>USPAT | OR | OFF | 2007/07/30 12:45 |
| S61 | 19   | (speech\$4 speaker\$4) near<br>differentiation\$4   | US-PGPUB;<br>USPAT | OR | OFF | 2007/07/30 12:46 |
| S62 | 109  | (speech\$4 speaker\$4) near<br>differentiat\$9  | US-PGPUB;<br>USPAT | OR | OFF | 2007/07/30 12:46 |
| S63 | 75   | (speech\$4 speaker\$4) near<br>differentiat\$9 and (speech\$4 voic\$4)<br>near3 recogni\$8  | US-PGPUB;<br>USPAT | OR | OFF | 2007/07/30 12:46 |
| S64 | 6    | (speech\$4 speaker\$4) near<br>differentiat\$9 and (speech\$4 voic\$4)<br>near3 recogni\$8 and (transcript\$9<br>transcrib\$7)  | US-PGPUB;<br>USPAT | OR | OFF | 2007/07/30 12:53 |
| S65 | 351  | (speech\$4 speaker\$4) near<br>identif\$9\$9 and (speech\$4 voic\$4)<br>near3 recogni\$8 and (transcript\$9<br>transcrib\$7)  | US-PGPUB;<br>USPAT | OR | OFF | 2007/07/30 12:53 |
| S66 | 0    | (speaker\$4 speech\$4) near3<br>(differntiat\$6 idenif\$9)  | US-PGPUB;<br>USPAT | OR | OFF | 2007/07/31 09:16 |
| S67 | 360  | (speaker\$4 speech\$4) near3<br>(differentiat\$6 idenif\$9)   | US-PGPUB;<br>USPAT | OR | OFF | 2007/07/31 09:16 |
| S68 | 6761 | (speaker\$4 speech\$4) near3<br>(differentiat\$6 identif\$9)  | US-PGPUB;<br>USPAT | OR | OFF | 2007/07/31 09:16 |
| S69 | 3740 | (speaker\$4 speech\$4) near3<br>(differentiat\$6 identif\$9) and<br>speech\$4 near3 recogni\$9  | US-PGPUB;<br>USPAT | OR | OFF | 2007/07/31 09:18 |
| S70 | 848  | (speaker\$4 speech\$4) near3<br>(differentiat\$6 identif\$9) and<br>speech\$4 near3 recogni\$9 and<br>(transcript\$4 transcrib\$5)  | US-PGPUB;<br>USPAT | OR | OFF | 2007/07/31 09:19 |
| S71 | 67   | (speaker\$4 speech\$4) near3<br>(differentiat\$6 identif\$9) and<br>speech\$4 near3 recogni\$9 and<br>(transcript\$4 transcrib\$5) and (mine\$4<br>mining\$4)                                       | US-PGPUB;<br>USPAT | OR | OFF | 2007/07/31 09:19 |
| S72 | 57   | (speaker\$4 speech\$4) near3<br>(differentiat\$6 identif\$9) with (user\$4<br>operator\$4 speaker\$4) and speech\$4<br>near3 recogni\$9 and (transcript\$4<br>transcrib\$5) and (mine\$4 mining\$4) | US-PGPUB;<br>USPAT | OR | OFF | 2007/07/31 09:20 |
| S73 | 4    | (US-20040249650-\$ or<br>US-20020135618-\$).did. or<br>(US-6922466-\$ or US-6877134-\$).did.  | US-PGPUB;<br>USPAT | OR | OFF | 2007/07/31 10:59 |

## EAST Search History

|     |   |   |                 |    |     |                  |
|-----|---|---|-----------------|----|-----|------------------|
| S74 | 4 | (US-20040249650-\$ or US-20020135618-\$).did. or (US-6922466-\$ or US-6877134-\$).did. and (speaker\$4 speech\$4) near3 (differentiat\$6 identif\$9) with (user\$4 operator\$4 speaker\$4) and speech\$4 near3 recogni\$9 and (transcript\$4 transcrib\$5) and (mine\$4 mining\$4)                                    | US-PGPUB; USPAT | OR | OFF | 2007/07/31 11:00 |
| S75 | 4 | (US-20040249650-\$ or US-20020135618-\$).did. or (US-6922466-\$ or US-6877134-\$).did. and (speaker\$4 speech\$4) near3 (differentiat\$6 identif\$9) with (user\$4 operator\$4 speaker\$4) and speech\$4 near3 recogni\$9 and (transcript\$4 transcrib\$5) and (mine\$4 mining\$4) and referenc\$4                    | US-PGPUB; USPAT | OR | OFF | 2007/07/31 11:07 |
| S76 | 4 | ((US-20040249650-\$ or US-20020135618-\$).did. or (US-6922466-\$ or US-6877134-\$).did.) and (speaker\$4 speech\$4) near3 (differentiat\$6 identif\$9) with (user\$4 operator\$4 speaker\$4) and speech\$4 near3 recogni\$9 and (transcript\$4 transcrib\$5) and (mine\$4 mining\$4) and referenc\$4                  | US-PGPUB; USPAT | OR | OFF | 2007/07/31 11:08 |
| S77 | 1 | ((US-20040249650-\$ or US-20020135618-\$).did. or (US-6922466-\$ or US-6877134-\$).did.) and (speaker\$4 speech\$4) near3 (differentiat\$6 identif\$9) with (user\$4 operator\$4 speaker\$4) and speech\$4 near3 recogni\$9 and (transcript\$4 transcrib\$5) and (mine\$4 mining\$4) and referenc\$4 and biometric\$4 | US-PGPUB; USPAT | OR | OFF | 2007/07/31 11:17 |
| S78 | 2 | ((US-20040249650-\$ or US-20020135618-\$).did. or (US-6922466-\$ or US-6877134-\$).did.) and (speaker\$4 speech\$4) near3 (differentiat\$6 identif\$9) with (user\$4 operator\$4 speaker\$4) and speech\$4 near3 recogni\$9 and (transcript\$4 transcrib\$5) and (mine\$4 mining\$4) and referenc\$4 and topic\$4     | US-PGPUB; USPAT | OR | OFF | 2007/07/31 11:22 |

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|     |   |  |                    |    |     |                  |
|-----|---|--|--------------------|----|-----|------------------|
| S79 | 2 | ((US-20040249650-\$ or US-20020135618-\$).did. or (US-6922466-\$ or US-6877134-\$).did.) and (speaker\$4 speech\$4) near3 (differentiat\$6 identif\$9) with (user\$4 operator\$4 speaker\$4) and speech\$4 near3 recogni\$9 and (transcript\$4 transcrib\$5) and (mine\$4 mining\$4) and referenc\$4 and topic\$4 and (keypad\$4 press\$4 number\$4)                 | US-PGPUB;<br>USPAT | OR | OFF | 2007/07/31 11:26 |
| S80 | 1 | ((US-20040249650-\$ or US-20020135618-\$).did. or (US-6922466-\$ or US-6877134-\$).did.) and (speaker\$4 speech\$4) near3 (differentiat\$6 identif\$9) with (user\$4 operator\$4 speaker\$4) and speech\$4 near3 recogni\$9 and (transcript\$4 transcrib\$5) and (mine\$4 mining\$4) and referenc\$4 and topic\$4 same (keypad\$4 press\$4 number\$4)                | US-PGPUB;<br>USPAT | OR | OFF | 2007/07/31 11:38 |
| S81 | 0 | ((US-20040249650-\$ or US-20020135618-\$).did. or (US-6922466-\$ or US-6877134-\$).did.) and (speaker\$4 speech\$4) near3 (differentiat\$6 identif\$9) with (user\$4 operator\$4 speaker\$4) and speech\$4 near3 recogni\$9 and (transcript\$4 transcrib\$5) and (mine\$4 mining\$4) and referenc\$4 and topic\$4 same (keypad\$4 press\$4 number\$4) and keyword\$4 | US-PGPUB;<br>USPAT | OR | OFF | 2007/07/31 11:38 |
| S82 | 1 | ((US-20040249650-\$ or US-20020135618-\$).did. or (US-6922466-\$ or US-6877134-\$).did.) and (speaker\$4 speech\$4) near3 (differentiat\$6 identif\$9) with (user\$4 operator\$4 speaker\$4) and speech\$4 near3 recogni\$9 and (transcript\$4 transcrib\$5) and (mine\$4 mining\$4) and referenc\$4 and topic\$4 and (keypad\$4 press\$4 number\$4) and keyword\$4  | US-PGPUB;<br>USPAT | OR | OFF | 2007/07/31 11:39 |
| S83 | 0 | ((US-20040249650-\$ or US-20020135618-\$).did. or (US-6922466-\$ or US-6877134-\$).did.) and (speaker\$4 speech\$4) near3 (differentiat\$6 identif\$9) with (user\$4 operator\$4 speaker\$4) and speech\$4 near3 recogni\$9 and (transcript\$4 transcrib\$5) and (mine\$4 mining\$4) and referenc\$4 and topic\$4 and interrupt\$8                                   | US-PGPUB;<br>USPAT | OR | OFF | 2007/07/31 11:41 |

## EAST Search History

|     |    |  |                 |    |     |                  |
|-----|----|--|-----------------|----|-----|------------------|
| S84 | 1  | ((US-20040249650-\$ or US-20020135618-\$).did. or (US-6922466-\$ or US-6877134-\$).did.) and (speaker\$4 speech\$4) near3 (differentiat\$6 identif\$9) with (user\$4 operator\$4 speaker\$4) and speech\$4 near3 recogni\$9 and (transcript\$4 transcrib\$5) and (mine\$4 mining\$4) and referenc\$4 and topic\$4 and interrupt\$8                 | US-PGPUB; USPAT | OR | OFF | 2007/07/31 11:41 |
| S85 | 0  | ((US-20040249650-\$ or US-20020135618-\$).did. or (US-6922466-\$ or US-6877134-\$).did.) and (speaker\$4 speech\$4) near3 (differentiat\$6 identif\$9) with (user\$4 operator\$4 speaker\$4) and speech\$4 near3 recogni\$9 and (transcript\$4 transcrib\$5) and (mine\$4 mining\$4) and referenc\$4 and topic\$4 and interrupt\$8 and frustrat\$8 | US-PGPUB; USPAT | OR | OFF | 2007/07/31 11:42 |
| S86 | 1  | ((US-20040249650-\$ or US-20020135618-\$).did. or (US-6922466-\$ or US-6877134-\$).did.) and (speaker\$4 speech\$4) near3 (differentiat\$6 identif\$9) with (user\$4 operator\$4 speaker\$4) and speech\$4 near3 recogni\$9 and (transcript\$4 transcrib\$5) and (mine\$4 mining\$4) and referenc\$4 and topic\$4 and frustrat\$8                  | US-PGPUB; USPAT | OR | OFF | 2007/07/31 21:46 |
| S87 | 14 | (speaker\$4 speech\$4) near3 (differentiat\$6 identif\$9) with (user\$4 operator\$4 speaker\$4) and speech\$4 near3 recogni\$9 and (transcript\$4 transcrib\$5) and (mine\$4 mining\$4) and referenc\$4 and topic\$4 and frustrat\$8   | US-PGPUB; USPAT | OR | OFF | 2007/07/31 21:47 |
| S88 | 13 | (speaker\$4 speech\$4) near3 (differentiat\$6 identif\$9) with (user\$4 operator\$4 speaker\$4) and speech\$4 near3 recogni\$9 and (transcript\$4 transcrib\$5) and (mine\$4 mining\$4) and referenc\$4 and topic\$4 and frustrat\$8 and polit\$8  | US-PGPUB; USPAT | OR | OFF | 2007/07/31 21:50 |
| S89 | 57 | (speaker\$4 speech\$4) near3 (differentiat\$6 identif\$9) with (user\$4 operator\$4 speaker\$4) and speech\$4 near3 recogni\$9 and (transcript\$4 transcrib\$5) and (mine\$4 mining\$4)  | US-PGPUB; USPAT | OR | OFF | 2007/07/31 21:51 |

## EAST Search History

|     |      |  |                 |    |     |                  |
|-----|------|--|-----------------|----|-----|------------------|
| S90 | 47   | (speaker\$4 speech\$4) near3 (differentiat\$6 identif\$9) with (user\$4 operator\$4 speaker\$4) and speech\$4 near3 recogni\$9 and (transcript\$4 transcrib\$5) and (mine\$4 mining\$4) not verizon\$4 | US-PGPUB; USPAT | OR | OFF | 2007/07/31 21:59 |
| S91 | 51   | (speaker\$4 speech\$4) near3 (differentiat\$6 identif\$9) with (user\$4 operator\$4 speaker\$4).ti.  | US-PGPUB; USPAT | OR | OFF | 2007/07/31 22:00 |
| S92 | 286  | (speaker\$4 speech\$4) near3 (differentiat\$6 identif\$9) with (user\$4 operator\$4 speaker\$4).ti,ab.   | US-PGPUB; USPAT | OR | OFF | 2007/07/31 22:00 |
| S93 | 1196 | (speaker\$4 speech\$4) near3 (differentiat\$6 identif\$9) with (user\$4 operator\$4 speaker\$4).ti,ab,bsum.  | US-PGPUB; USPAT | OR | OFF | 2007/07/31 22:00 |
| S94 | 180  | (speaker\$4 speech\$4) near3 (differentiat\$6 identif\$9) with (user\$4 operator\$4 speaker\$4).ti,ab,bsum. and speech\$4 near3 recogni\$9 and (transcript\$4 transcrib\$5) not verizon\$4             | US-PGPUB; USPAT | OR | OFF | 2007/07/31 22:00 |